

Message Text

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PAGE 01 STATE 174131
ORIGIN EUR-12

INFO OCT-01 ISO-00 DODE-00 CIAE-00 PM-05 INR-10 L-03
ACDA-12 NSAE-00 PA-02 SS-15 SP-02 TRSE-00 NSCE-00
SSO-00 ICAE-00 INRE-00 OMB-01 /063 R

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APPROVED BY EUR/RPM: EREHFELD
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CNO: CDR. BARBER
COMNAVTELCOM: MR. PECARDI
-----093792 112239Z /64

O R 111606Z JUL 78
FM SECSTATE WASHDC
TO USMISSION USNATO IMMEDIATE
INFO NAVELEXSYSENGCEN PORTSMOUTH VA
USLOSACLANT NORFOLK VA

UNCLAS STATE 174131

E.O. 11652: N/A

TAGS: NATO, ETEL, MARR

SUBJECT: NATO SATCOM TAIL NORFOLK

REFS: (A) USNATO 6460, DTG 281757Z JUN 78
(B) USNATO 6679, DTG 061640Z JUL 78

1. FOLLOWING COMMENTS RESPOND TO ISSUES RAISED IN REF A:

A. AVAILABILITY OF LAND FOR RELAY TOWER: AVAILABLE
LAND ON THE US NAVAL BASE IS AT A PREMIUM, BUT IT IS
REASONABLE TO ASSUME THAT THE US CAN PROVIDE A LOCATION
FOR A LOS REPEATER. A SITE SURVEY PINPOINTING THE
EXACT LOCATION OF TOWER IS NEEDED PRIOR TO REQUESTING
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SPACE. FUNDING TO PERFORM THE SITE SURVEY AND ASSOCIATED
WORK WILL BE REQUIRED.

B. COST PER METER FOR FIBER OPTIC CABLE. NEW COST
ESTIMATES RECEIVED FROM VENDERS. OUR REVISED ESTIMATES
ARE 12 DOLLARS PER METER NORTHWEST AND 18 DOLLARS
PER METER AT NORFOLK.

C. PRICES FOR KG-81. FIGURES IN TYPE B ESTIMATE ARE THE LATEST AVAILABLE.

D. REQUIREMENT FOR STATION CLOCKS. OUR INVESTIGATION SHOWS THAT EXTERNAL STATION CLOCKS CAN BE DELETED. COST ESTIMATES ARE REVISED ACCORDINGLY.

E. COST SHARING OF FIBER OPTIC CABLES: TYPE B ESTIMATE IS BASED ON 120 CHANNELS. 8 OF THE 120 CHANNELS WILL BE RESERVED FOR US USE AS STATED IN PARAGRAPH 2.5 OF US TYPE B ESTIMATE. TOTAL COST OF SYSTEM TO NATO WILL BE REDUCED BY ONE-FIFTEENTH TO ACCOUNT FOR US USAGE.

F. US NATIONALIZATION OFFER.

(1) THE US WILL ASSUME FULL RESPONSIBILITY FOR THE INTERIM LEASING COSTS IF US PROPOSED SOLUTION IS ADOPTED.

(2) ADJUSTED COST ESTIMATE FOR 120 CHANNEL US SOLUTION FOLLOWS:

ELECTRONIC/COMMUNICATIONS EQUIPMENT	491,367
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STATION CLOCK DELETED
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COMMERCIAL 1ST LEVEL MULTIPLEX USED
INCLUDES MISC MINOR ITEMS AND OPTICS CABLE

CIVIL WORKS	75,800
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INSTALLATION, SPARES, TEST EQUIPMENT	261,246
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CONTINGENCIES	82,841
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NAE FEES	41,420
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TOTAL	952,674
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(INCLUDES END-TO-END BULK ENCRYPTION)

G. NATO-ONLY SOLUTION.

(1) INTERIM LEASING COSTS TO BE BORNE BY NATO INCLUDE AN ESTIMATED ONE TIME COST OF 163,000 DOLLARS PLUS 2,600 DOLLARS PER MONTH.

(2) US CONSIDERS NATO 2-HOP SYSTEM OVER INTERNATIONAL

PIER AREA AND SHIP LOADING CRANES AS RISKY? OF THIS

PROPOSAL IS TO BE CONSIDERED, A SPECIALLY EQUIPPED
FILED SURVEY TEAM MUST CONDUCT AN ON SITE SURVEY.
ADDITIONALLY, THERE IS A HIGH POSSIBILITY OF A
REQUIREMENT FOR HOT ON AIR TESTS AFTER SURVEY. SINCE
NO TOWER IS PRESENTLY AT NH-95, THIS TEST WILL BE
COSTLY. TIME FRAME TO LET CONTRACT, ESTABLISH TEST
BED, RUN TESTS, AND RECEIVE TECHNICAL REPORT ESTIMATED
AT 6-9 MONTHS. FUNDING TO PERFORM THE SITE SURVEY
AND ASSOCIATED WORK WILL BE REQUIRED.

2. FOLLOWING COMMENTS RESPOND TO ISSUES RAISED BY
REF B.

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A. WE CONSIDER DRAMA ESTIMATE FOR 3-HOP SYSTEM TO
BE LOW SINCE THERE DOES NOT APPEAR TO BE PROVISION
FOR ORDER WIRE, BATTERY SYSTEMS, ETC.

B. WE HAVE NO COMMENT ON ANNEX B, PROVIDED ORDER
WIRE, BATTERY SYSTEMS, ETC., ARE INCLUDED.

3. IF DESIRABLE, WE CAN PROVIDE REVISED TYPE B
ESTIMATE BASED ON ABOVE INFORMATION.

CHRISTOPHER

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NNN

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